



# STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR  
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DEPARTMENT OF NATURAL RESOURCES  
JEFFREY R. VONK, DIRECTOR

## WATER SUPPLY SECTION Application for Water Use Permit or Permit Modification

**Applicant name and address (please print)**  
**DO NOT LEAVE BLANK**

**This box is for IDNR use only**

Acct. No. 12-1201-25  
(884-542-0072-AD-0597)

Acct. stamp:

Use this form to apply for a new water use permit, or to apply for a modification to an existing permit. **DO NOT fill out the entire form.** Read the instructions below **carefully**, then fill out **ONLY** those sections that are indicated (in Section A) for the type of water use permit that you need, or that you already have but wish to modify. After you have completed the appropriate sections, fill out and sign the **Certificate** at the end of the form, and return the form, the corresponding map (explained below), and the required \$25.00 application fee, to the IDNR Water Supply Section.

**PURPOSE FOR APPLICATION:** Check number 1 or number 2 to indicate whether you are requesting a new permit or a permit modification. Then continue to Section A.

1. ☐ I wish to **APPLY FOR A NEW WATER USE PERMIT**, for the enclosed fee of **\$25.00**.
2. ☐ I wish to **MODIFY AN EXISTING WATER USE PERMIT**, NUMBER \_\_\_\_\_, for the enclosed fee of **\$25.00**.

### SECTION A

Select number 1, 2, or 3, below to indicate which type of water use permit you need, or already have and want to modify. Then, complete all sections of the application indicated there.

**Important note:** you may need to select more than one of the choices listed here if you plan to use water for purposes that cross the categories, (numbered 1 - 3), below. For example, a golf course that uses water for drinking water supplies (municipal-type use) AND for irrigation would check both number 1 and number 2, then fill out all the sections indicated under both of those numbers.

1. ☐ If you plan to withdraw water for MUNICIPAL, INDUSTRIAL, COMMERCIAL, OR RECREATIONAL USES -- check this box and complete all relevant portions of Sections B and C, **ONLY**. If a question does not apply to your situation, enter "NA".
2. ☐ If you plan to withdraw water for IRRIGATION of crops, golf courses, etc., check this box and complete all relevant portions of Sections B and D, **ONLY**. If a question does not apply to your situation, enter "NA".
3. ☐ If you plan to withdraw water for PRODUCTION OF SAND, GRAVEL, OR ROCK MATERIALS, check this box and complete all relevant portions of Sections B and E, **ONLY**. If a question does not apply to your situation, enter "NA".

## SECTION B.

**For use of: surface water, do Parts I & II; ground water, do Parts I & III; for both, do Parts I, II, & III**

### Part I: General -- all questions to be completed by all applicants

1. Legal description of withdrawal site (add sheet if more space is needed)	Quarter	Quarter	Section	Township	Range	County Name
2. Legal description of land or property on which water is to be used (add sheet if more space is needed)	Quarter	Quarter	Section	Township	Range	County Name
3. Property is owned by:				4. Permit will be, or is currently, recorded in the name of:		
<b>5. ATTACH A SCALE MAP OR AERIAL PHOTO (this application is considered incomplete without this information):</b> (a) OUTLINE the property where water will be used, and CLEARLY MARK the location of the water source on the property; (b) SHOW locations of, distances to, well depths of, and pump depths of the NEAREST 3 WELLS OWNED BY OTHERS; & (c) For sand, gravel, and rock production ONLY, show the exact location(s) of all wastewater discharge sites.						
<b>Types of Sources:</b>	<b>Groundwater aquifer (wells)</b>		<b>Reservoir lake, or pond</b>		<b>Quarry or gravel pit</b>	
6. No. of intakes for each type of source (if wells are used, give total no.). Enter "NA" (not applicable) for sources not used:						
7. Maximum annual amount requested from each type of source (write in amount, then check units used):	[ ] AF [ ] Gal		[ ] AF [ ] Gal		[ ] AF [ ] Gal [ ] Gal [ ] Cu Ft	
8. Maximum pumping rate requested for each type of source (write in the rate, then check units used -- for wells the rate MUST be in gal/min:	[ ] gal/min		[ ] gal/min [ ] cu ft/sec		[ ] gal/min [ ] cu ft/sec	
9. Name of source (if named):				10. Distance from water source to nearest stream or river: [ ] feet [ ] miles		

11. *Annual usage period:	
Begin: _____ / _____ (mo) (day)	End: _____ / _____ (mo) (day)
<i>*Irrigation is allowed from 4/1 to 9/30 for general crops and from 4/1 to 10/31 for specialty crops.</i>	
12. Requested period of validity for permit (10-year maximum):	13. New or modified water use is expected to begin on  _____ / _____ / _____ (mo) (day) (year)

### Part II: Surface Water Sources--complete if source is a stream, reservoir, lake, pond, quarry or gravel pit

28. Type of surface water source: [ ] River or stream [ ] Natural lake [ ] Man-made lake/impoundment	29. Name of source (if named):
If the water source is a natural lake or a man-made lake or impoundment, answer questions 30 - 32	
30. Total volume of source: [ ] acre-feet [ ] gallons	31. Size of drainage area: [ ] acres [ ] sq miles
32. Surface area (in acres): _____ acres	

**Part III: Ground Water Sources--on map, show applicant's new, modified, and recently abandoned wells**

Answer 14 - 26 for all new, existing and proposed wells to be included in the permit. For wells that are "proposed", give estimates (marked "EST"), and send final information when the well is completed. Attach extra sheets if more than 3 wells are to be used.

14. For each well to be used, give the well number, if wells are numbered.	Well No. _____	Well No. _____	Well No. _____
15. For each well check one of the categories listed:	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use	<input type="checkbox"/> new <input type="checkbox"/> already existing <input type="checkbox"/> already existing but modified for use
16. Date constructed or modified - enter "proposed" if construction or modification is not yet completed:			
17. Name of the aquifer from which the well draws water:			
18. Diameter of well casing (in inches):			
19. Length of well casing (in feet):			
20. Depth to bottom of well (in feet):			
21. Static water level--level when not pumping (in feet):			
22. Pumping level--level of water when pumping (in feet):			
23. Pump capacity (in gal/min):			
24. Depth of pump below ground (in feet):			
25. Water meter(s) installed:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. Distance from the nearest well shown for 5(b), above, and each of the wells to be included in the permit:	_____ <input type="checkbox"/> ft _____ <input type="checkbox"/> mi	_____ <input type="checkbox"/> ft _____ <input type="checkbox"/> mi	_____ <input type="checkbox"/> ft _____ <input type="checkbox"/> mi
27. List plugged wells (give well no., if any). SHOW location on map (required under 5(b), above) and label as "plugged well":			

**SECTION C: BENEFICIAL USE****Part I: Community Public Water Supplies**

33. Present annual water use:  _____ gallons	34. Expected maximum population to be served during life of permit:  _____	35. Expected maximum annual usage within next 10 years:  _____ gallons
36. Reason permit or permit modification is needed (give detailed explanation of planned water use):   		

**Part II: Industrial/Commercial Uses**

37. Maximum annual water usage expected during life of permit: <div style="text-align: right;"> <input type="checkbox"/> gal/year  <input type="checkbox"/> acre-feet/year </div>	39. Is drinking water purchased from a public water supply? <input type="checkbox"/> Yes <input type="checkbox"/> No	40. Is wastewater discharged to a municipal sewer system? <input type="checkbox"/> Yes <input type="checkbox"/> No
38. List purposes for which water is to be used and amounts expected to be consumed by each use:	** If NO, give your water supply operation permit number if you are required to have one (Call IDNR if you have questions).  No. _____	** If NO, give your wastewater discharge permit number (see NOTE at end of form):  No. _____

**SECTION D: IRRIGATION**

Irrigation is allowed from April 1 through September 30 for general crops, and from April 1 through October 31 for specialty crops -- see QUESTION 13, above

41. Property size--total acres:  _____ acres	43. Total number of acres to be irrigated (outline area on map):  _____ acres
42. Type of irrigation equipment to be used:  <input type="checkbox"/> Center-pivot <input type="checkbox"/> Traveling gun <input type="checkbox"/> Gated pipe <input type="checkbox"/> Other--specify _____	44. Types of crops to be irrigated and acres of each. GOLF COURSES must list acres of (a) greens, (b) tees, and (c) fairways, separately:

**SECTION E: PRODUCTION OF SAND, GRAVEL, OR ROCK****Part I: Location/Dimensions--on map show pit, stockpile, water source, and point of discharge**

45. Name of quarry or pit:	46. Location of quarry or pit on property:		
47. Current area of quarry or pit:  _____ acres	48. Maximum area over life of permit:  _____ acres		
49. If expansion is to be lateral, in what direction will it be:	50. Average thickness of the overburden:  _____ feet		
51. Total thickness of the sand, gravel, or rock formation:  _____ feet	52. If this is a quarry operation, describe the geologic formation:		
Average =  Maximum =	53. Present depth of excavation (in feet):	54. Expected depth within permit life (in feet):	55. Primary use for material produced:

**Part II: Water Resources**

Questions 56 - 59: Information about the water in the quarry or pit under static (non-pumped) conditions

56. Surface area of water:  _____ acres		57. Static water level--distance from top of pit to water:  _____ feet	
58. Average water depth in pit:  _____ feet		59. Maximum water depth in pit:  _____ feet	
60. Estimate of amount of water lost by evaporation or hauled away in aggregate per year:  [ ] acre-feet [ ] gallons		61. Maximum amount of water to be withdrawn per year for drainage of pit:  [ ] acre-feet [ ] gallons	
62. Percent of total annual water usage at this location obtained from a stream or river:  _____ %	63. Pump(s) used for STREAM withdrawal, if applicable:  [ ] portable [ ] permanent	64. Capacity of pump(s) used for stream withdrawal, if applicable:  _____ gal/min	

**Part III: Relation to Nearest Watercourse**

65. Name of nearest watercourse if named:  _____	
66. Distance--at nearest point--from watercourse:  a. to the quarry or pit: _____ feet  b. to the stockpile _____ feet	67. Area of Stockpile:  _____ square feet

**Part IV: Relation to Nearby Wells**

68. Nearest well is:  [ ] owned or controlled by applicant [ ] owned or controlled by other(s)	69. If Applicant has a well, give distance from that well to the quarry or pit:  [ ] ft [ ] mi	70. Distance from the nearest well shown for 5(b), above, and the quarry or pit:  [ ] ft [ ] mi
70. In what direction is the nearest well shown for 5(b), above, from the quarry or pit:  _____		71. For what purpose is the nearest well shown for 5(b), above, used:  _____
72. Have there been complaints that past or present operations have affected neighboring wells: [ ] No [ ] Yes, if yes, explain  _____		

**Part V: Dewatering -- As dewatering of the quarry or pit may lower water levels in nearby wells, any permit authorizing dewatering may be modified or revoked if said dewatering causes substantial damage to other users**

73. Number of pumps used to dewater:	Pumps used for dewatering (if more than three, attach sheet)		
	Pump No. 1	Pump No. 2	Pump No. 3
	74. Discharge Size (inches):		
75. Capacity (gal/min):			

76. By how many feet will the water level in the pit be lowered below the static water level (given in question 57):

\_\_\_\_\_ feet

77. Discharge permit number(s) (see NOTE below):

No. \_\_\_\_\_

78. Where will the water withdrawn be discharged--be specific (show on map):

### Part VI: Washing or Pugging

79. Total annual usage:

\_\_\_\_\_ gallons

80. Wash plant pump capacity:

\_\_\_\_\_ gal/min

81. Give dimensions for each settling basin (add sheet if you use more than 4 basins):

	Basin No. 1	Basin No. 2	Basin No. 3	Basin No. 4
Length (in feet)				
Width (in feet)				
Depth (in feet)				

82. Where will the water used be discharged--be specific (show on map):

83. Discharge permit number(s)  
(See NOTE below):

No. \_\_\_\_\_

**NOTE: Discharges of water are not allowed in Iowa without the proper permit. Contact IDNR for information about discharge permits.**

**CERTIFICATE:** I certify that the above information is true and correct to the best of my knowledge, and that I will furnish such additional information to the Department as may be requested.

Applicant name and address (print):

Telephone No.:

Relationship to permit holder: ☐ Permit holder ☐ Agent ☐ Tenant

☐ Other -- specify \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_